

GOAT ANTI-STAT1 ALPHA ISOFORM ANTIBODY

SKU: EB05110



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / signal transducer and activator of transcription 1, 91kD|signal transducer and activator of

Alias Names transcription-1|transcription factor ISGF-3 components p91/p84|transcription factor ISGF-3|STAT91|ISGF-3|signal transducer and activator of transcription 1, 91kDa|STAT1

Usage Summary Please note that we also get a lower size band (approx. 75kDa) in addition to the expected band. We do not have explanation for this band so far. This could represent an isoform of STAT1 (AAH02704), which has a predicted MW of 78kDa. Moreover, splice prediction software (<http://www.bioinformatics.ucla.edu/ASAP/>) indicated existence of constitutive splice variants for STAT1. We would appreciate any feedback from people in the field. Have any splice variants/modified forms been reported?

Accession ID NM_007315

Blocking Peptide EBP05110

Immunogen Peptide with sequence C-GSVEFDSMMNTV, from the C Terminus of the protein sequence according to NM_007315.

Product Comments This antibody is expected to recognise the alpha isoform of this protein only.

Peptide Sequence C-GSVEFDSMMNTV

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human

Reactive Species Human

Human Gene ID 6772

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png

Western Blot Western blot: Approx 75kDa and 90-95kDa bands seen in Jurkat cell lysates. Recommended for use at 3-5µg/ml.

